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(54) Title: ALUMINUM ALLOY TUBE AND FIN ASSEMBLY FOR HEAT EXCHANGERS HAVING IMPROVED CORROSION RESISTANCE AFTER BRAZING

(57) Abstract: Extruded tubes for heat exchangers have improved corrosion resistance when used alone and when part of a brazed heat exchanger assembly with compatible finstock. The tubes are formed from a first aluminum alloy comprising 0.4 to 1.1% by weight manganese, up to 0.01% by weight copper, up to 0.05% by weight zinc, up to 0.2% by weight iron, up to 0.2% by weight silicon, up to 0.01% by weight nickel, up to 0.05% by weight titanium and the balance aluminum and incidental impurities. The fins are formed from a second aluminum alloy containing 0.9 to 1.5% by weight manganese or an alloy of the AA3003 type, this second aluminum alloy further containing at least 0.5% by weight zinc.

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